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FIG. 1

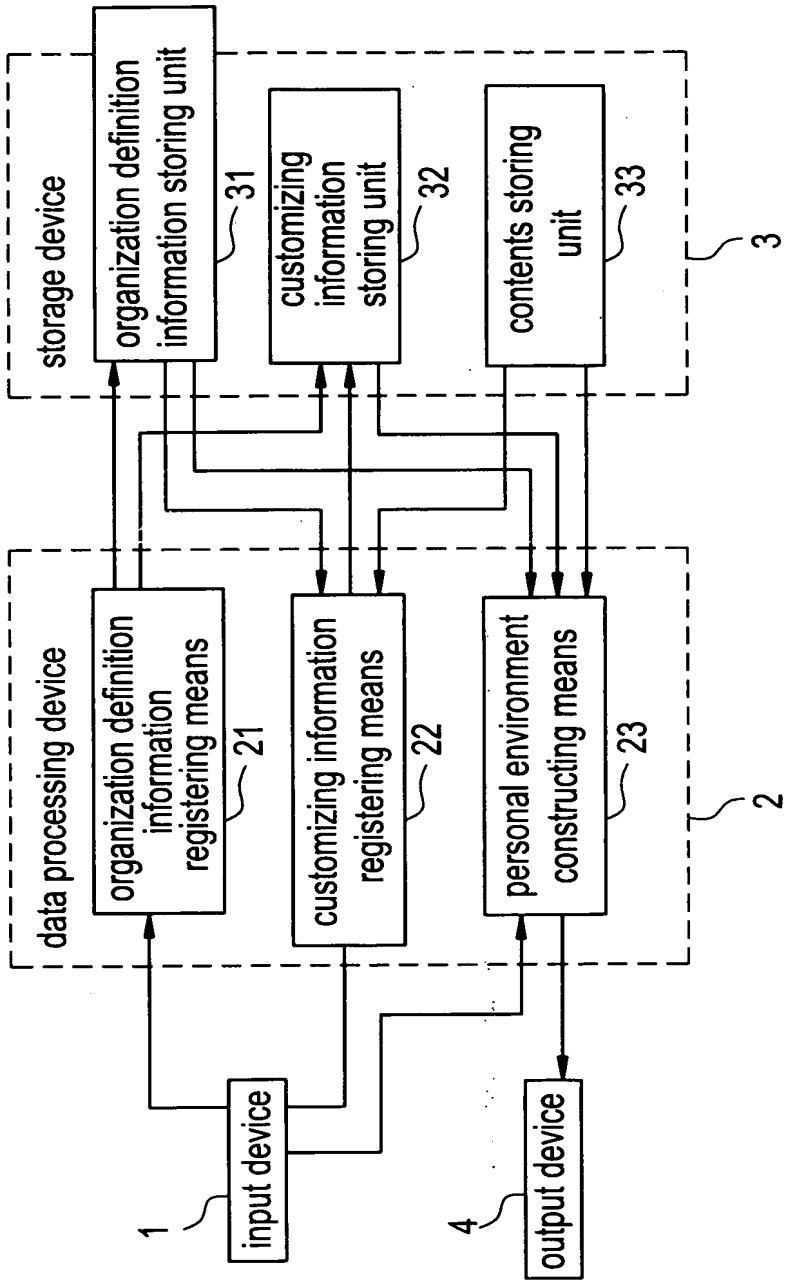


FIG. 2

division	item	content
entire information	hierarchy of organization	upper and lower relationship in a partial organization
	partial organization	name of organization, business territory, functional region, responsibility, powers, and heads
	distribution of personnel	affiliation, management span, and proper/additional occupational positions
information concerning individuals	employee ID	numbers and codes for definitely and individually identifying individuals
	names	name of individual
	occupational positions	a director, a division manager, a manager, a chief, and a worker
	category of occupation	a business, a development, and a customer support
	covering job	products, customers, areas, and processes
	functions	consulting, order management, sales plan, and comprehending of accomplishment
	duty	periodic reporting, meeting of exception, and secret-holding regulation
	knowledge	titles, techniques, a special field, and a language ability
	experiences	projects, customers, techniques, and areas
	locations	address, telephone number, FAX, and E-mail

FIG. 3

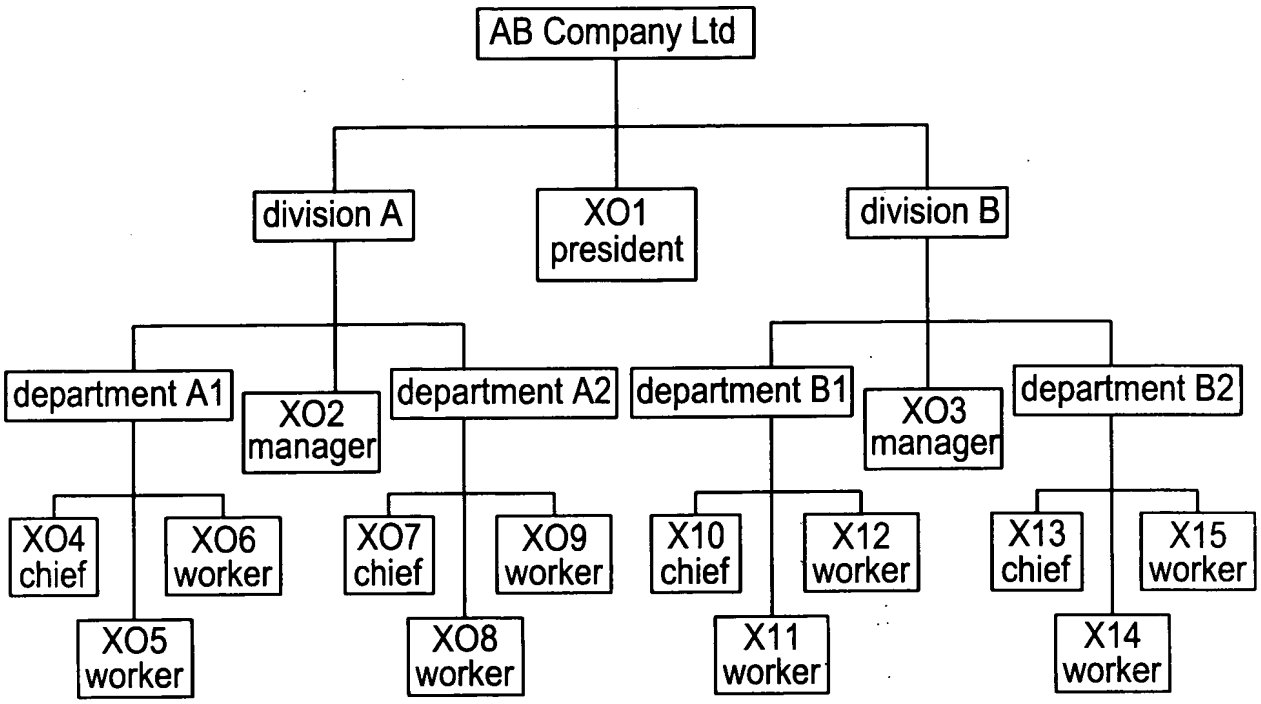


FIG. 4

attribute	value
employee ID	XO5
names	Tomihiko Azuma
occupational positions	worker
category of occupation	business
covering job	video
password	xxxxxxxx

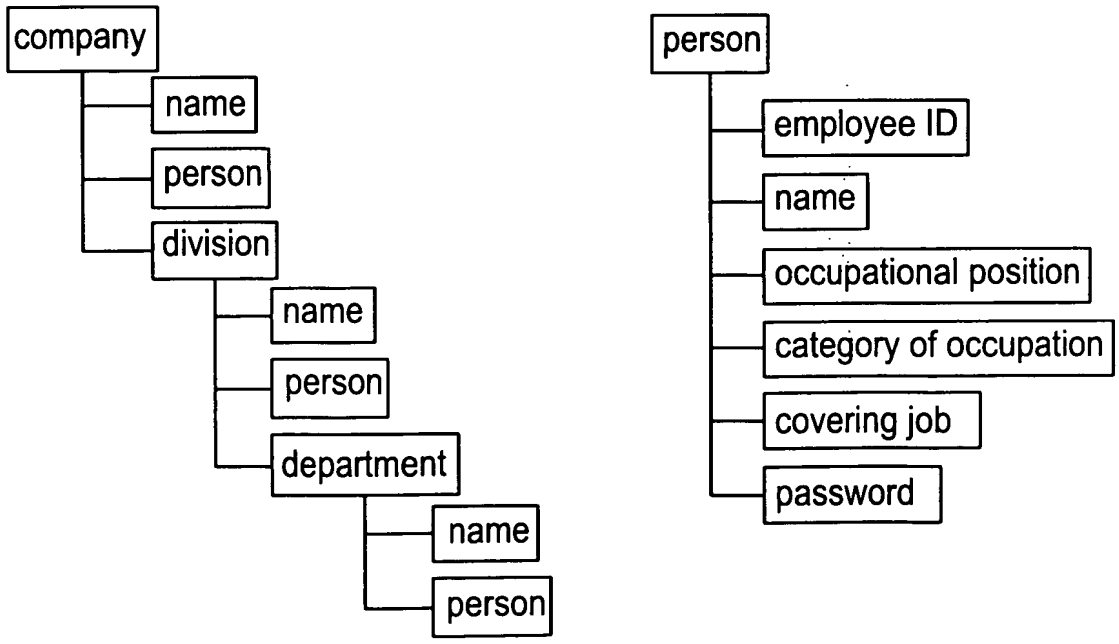
FIG. 5

```
<? xml version =" 1.0" ?>
<company> <name> AB Company Ltd </name>
<person> <employee ID> X 01 </employee ID>
<occupational position> president </occupational position>
</person>
<division> <name> division A </name>
<person> <employee ID> X 02 </employee ID>
<occupational position> manager </occupational position>
</person>
<department> <name> department A1 </name>
<person> <employee ID> X 04 </employee ID>
<occupational position> chief </occupational position>
</person>
<person> <employee ID> X 05 </employee ID>
<name> Tomihiko Azuma </name>
<occupational position> worker </occupational position>
<category of occupation> business </category of occupation>
<covering job> video </covering job>
<password> XXXXXXXX </password>
</person>
<person>... </person>...
</department>
<department> <name> department A2 </name>...
<person>... </person>...
</department>
</division>
<division> <name> division B </name>
<person> <employee ID > X 03 </employee ID>
<occupational position> manager </occupational position>
<person>
<department> <name> department B1 </name>
<person> <employee ID> X 10 </employee ID>
<occupational position> chief </occupational position>
</person>
<person>...</person>...
</department>
<department> <name> department B2 </name>...
<person>...</person>...
</department>
</division>
</company>
```

FIG. 6

tag	meaning	start	end
company	definition of company	<company>	</company>
division	definition of division	<division>	</division>
department	definition of department	<department>	</department>
name	definition of name of organization	<name>	</name>
person	definition of individual	<person>	</person>
employee ID	definition of employee ID of individual	<employee ID>	</employee ID>
name	definition of name of individual	<name>	</name>
occupational position	definition of occupational position of individual	<occupational position>	</occupational position>
category of occupation	definition of category of occupation of individual	<category of occupation>	</category of occupation>
covering job	definition on covering job of individual	<work>	</work>
password	definition of password of individual	<password>	</password>

FIG. 7



Title: BUSINESS INFORMATION SYSTEM AND METHOD OF MANAGING BUSINESS INFORMATION
Inventor(s): Tomihiko AZUMA
Appl. No.: 10/003381

FIG.8

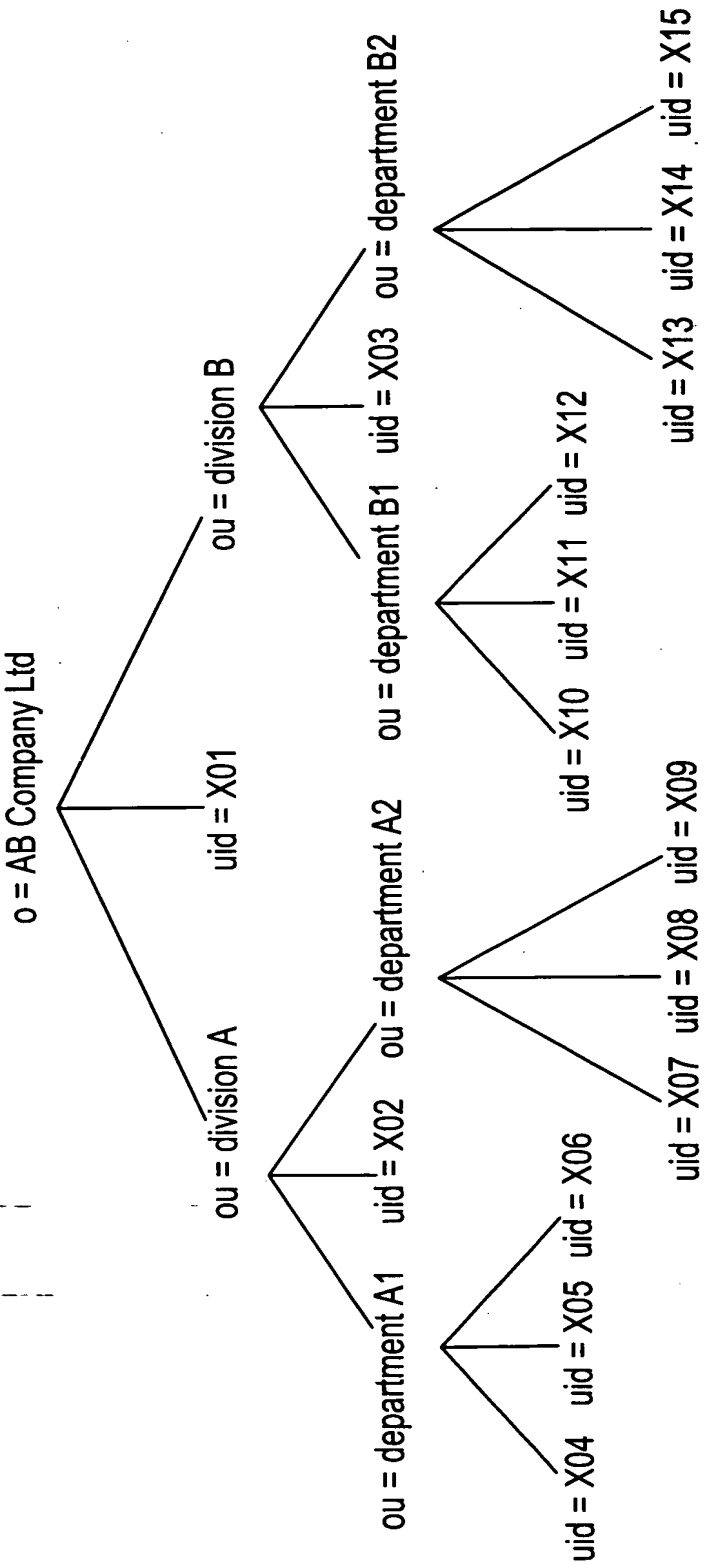


FIG. 9

```
dn: o = AB Company Ltd
objectclass: organization
o: AB Company Ltd

dn: uid = XO1, o = AB Company Ltd
objectclass: inetOrgPerson
uid: XO1
title: president
...

dn: ou = division A, o = AB Company Ltd
obj ectclass: organizationalunit
ou: division A

dn: uid = XO2, ou = division A, o = AB Company Ltd
objectclass: inetOrgPerson
uid: XO2
title: manager
...

dn: ou = department A1, ou = division A, o = AB Company Ltd
objectclass: organizationalunit
ou: department A1

dn: uid = XO4, ou = department A1, ou = division A, o = AB Company Ltd
objectclass: inetOrgPerson
uid: XO4
title: chief
...

dn: uid = XO5, ou = department A1, ou = division A, o = AB Company Ltd
objectclass: inetOrgPerson
uid: XO5
cn: Tomihiko Azuma
title: worker
category: business
product: video
userpassword: xxxxxxxx

dn: uid = XO6, ou = department A1, ou = division A, o = AB Company Ltd
...

dn ou = department A2, ou = division A, o = AB Company Ltd
...

dn: ou = division B, o = AB Company Ltd
...
```

FIG. 10

attributes	meaning
dn	identification data of object
objectclass	class of object
o	name of Company
ou	name of organization
uid	employee ID of individual
cn	name of individual
title	occupational position of individual
category	category of occupation of individual
product	covering job of individual
userpassword	password of individual

FIG. 11A

organization	upper organization
AB Company Ltd	
division A	AB Company Ltd
division B	AB Company Ltd
department A1	division A
department A2	division A
department B1	division B
department B2	division B

FIG. 11B

employee ID	affiliation	name	occupational position	category of occupation	covering job	password
X01	AB Company Ltd	...	president	...	...	...
X02	division A	...	manager	...	...	...
X03	division B	...	manager	...	...	...
X04	department A1	...	chief	...	...	...
X05	department A1	Tomihiko Azuma	worker	business	video	xxxxxxx
X06	department A1	...	worker	...	...	...
X07	department A2	...	chief	...	...	...
X08	department A2	...	worker	...	...	...
X09	department A2	...	worker	...	...	...
X10	department B1	...	chief	...	...	...
X11	department B1	...	worker	...	...	...
X12	department B1	...	worker	...	...	...
X13	department B2	...	chief	...	...	...
X14	department B2	...	worker	...	...	...
X15	department B2	...	worker	...	...	...

FIG. 12

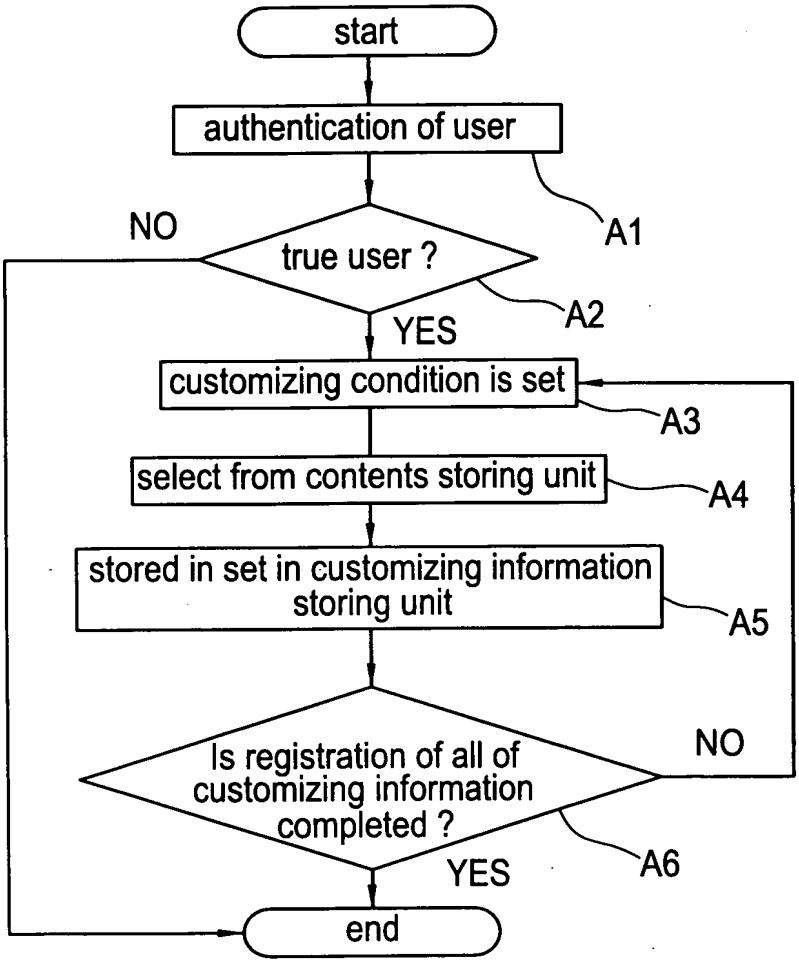


FIG. 13

procedure	information
making of daily report of business	daily report of business
drafting plan of monthly order acceptance	trouble information
drawing up of estimate	sales scheme for every product
drafting of integrated schedule flowchart	sales strategy
making of explaining material	selling prices
drafting plan of sales scheme for every product	business efficiency at each sales location
drafting plan of equipment	immediate report of actual sales
evaluation of capability	actual reclamation of cash
making of licensing proposal material	actual balance of accounts receivable
drafting plan of sales strategy	
analysis of investment effect	
set share target	

FIG. 14

customizing condition	contents information	
	procedure	information
occupational position is a worker	making of daily report of business	sales scheme for every product
	drafting plan of monthly order acceptance	trouble information
	drawing up of estimate	selling prices
	drafting of integrated schedule flowchart	
	making of explaining material	
occupational position is a chief	drafting plan of sales scheme for every product	daily report of business
	drafting plan of equipment	trouble information
	evaluation of capability	sales scheme for every product
	making of licensing proposal material	immediate report of actual sales
		actual reclamation of cash
		actual balance of accounts receivable
occupational position is a manager	drafting plan of sales strategy	immediate report of actual sales
	analysis of investment effect	sales scheme for every product
	set share target	sales strategy
		business efficiency at each sales location

FIG. 15A

customizing condition	contents information	
	procedure	information
belonging to division A	AP1, AP2	AI1, AI2
belonging to division B	BP1, BP2	BI1, BI2
belonging to department A1	A1P1, A1P2	A1I1
belonging to department A2	A2P1	A2I1

FIG. 15B

customizing condition	contents information	
	procedure	information
category of occupation is business, and covering job is a video	SVP1, SVP2	SVI1
belonging to division A and category of occupation is development	ADP1	ADI1

FIG. 16

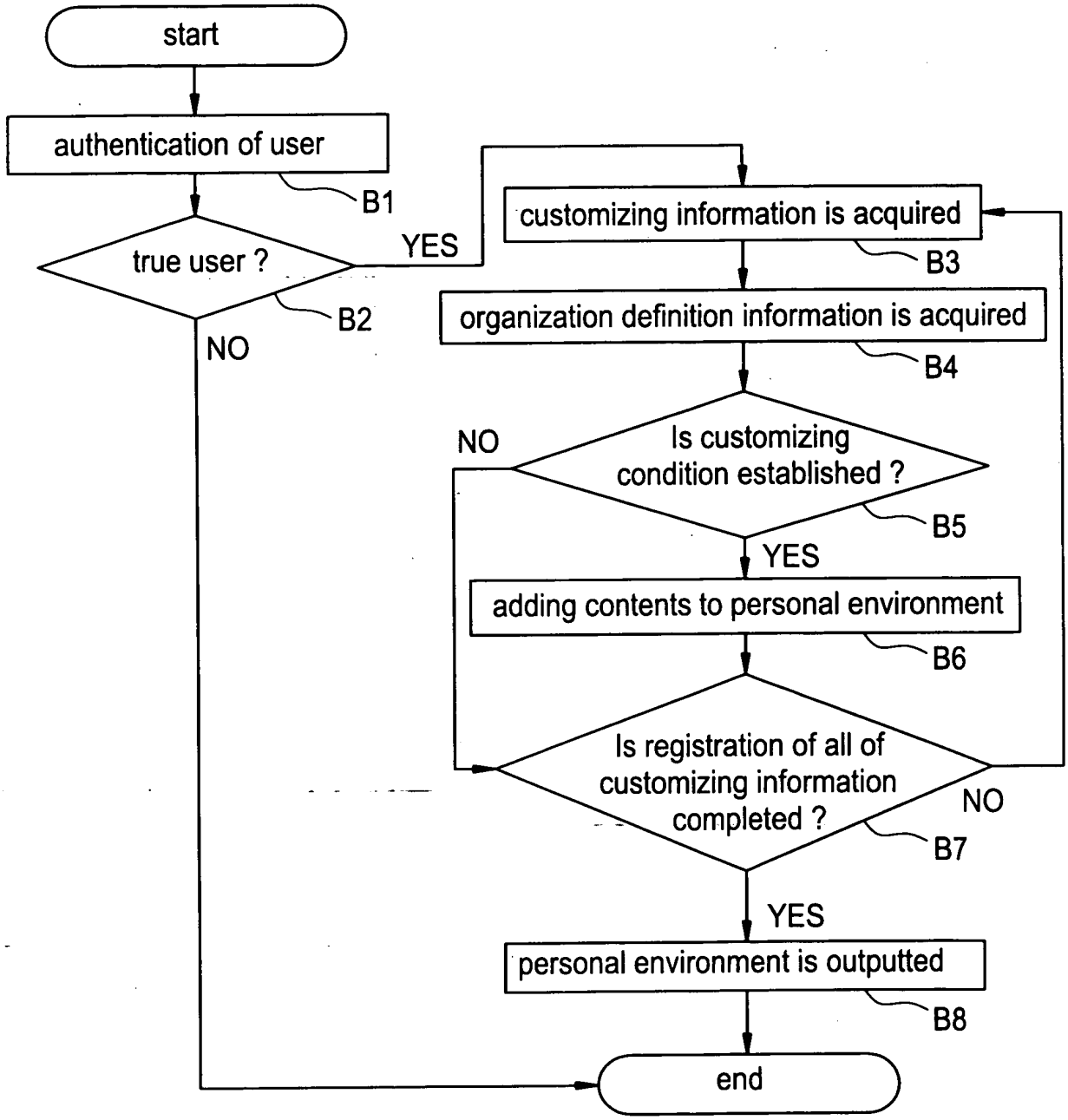

start
authentication of user
B1
true user ?
B2
YES
NO
customizing information is acquired
B3
organization definition information is acquired
B4
Is customizing condition established ?
B5
NO
YES
adding contents to personal environment
B6
Is registration of all of customizing information completed ?
B7
NO
YES
personal environment is outputted
B8
end

FIG. 17

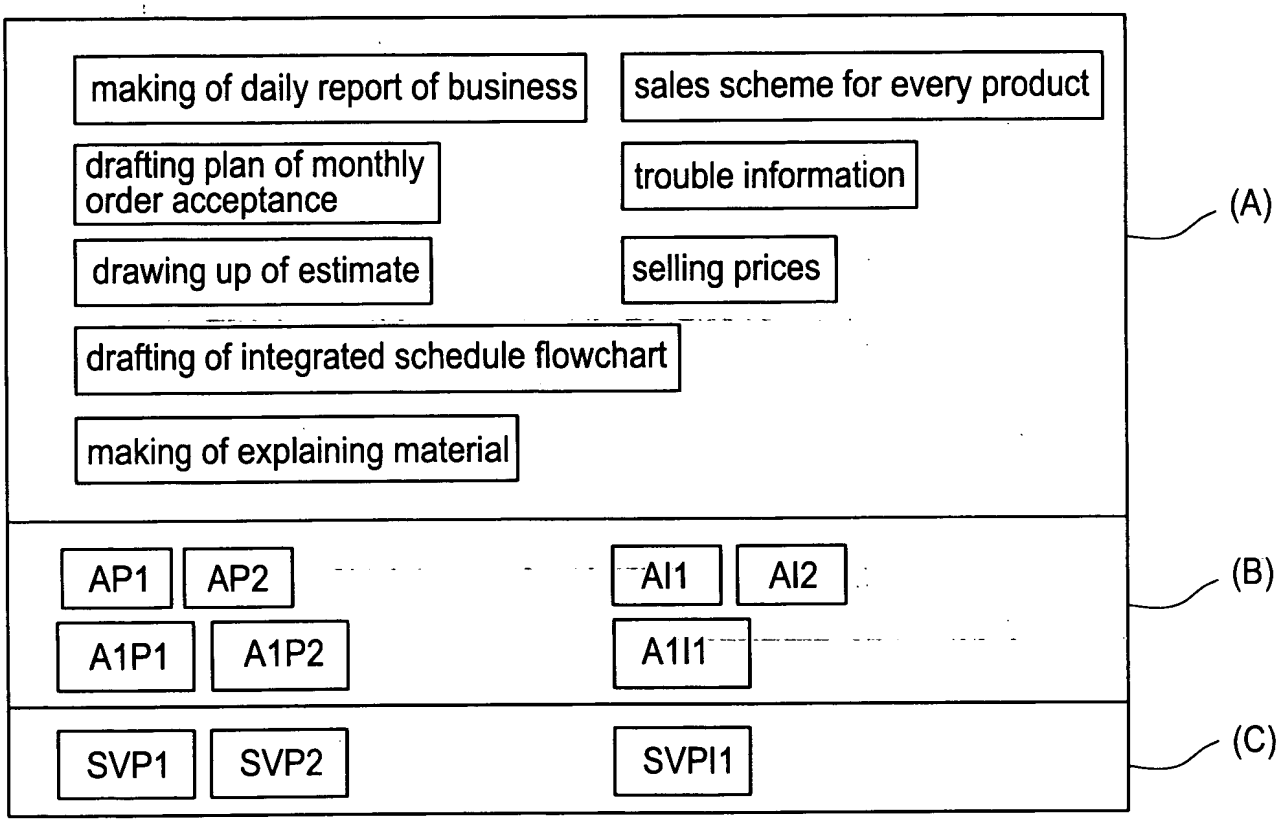
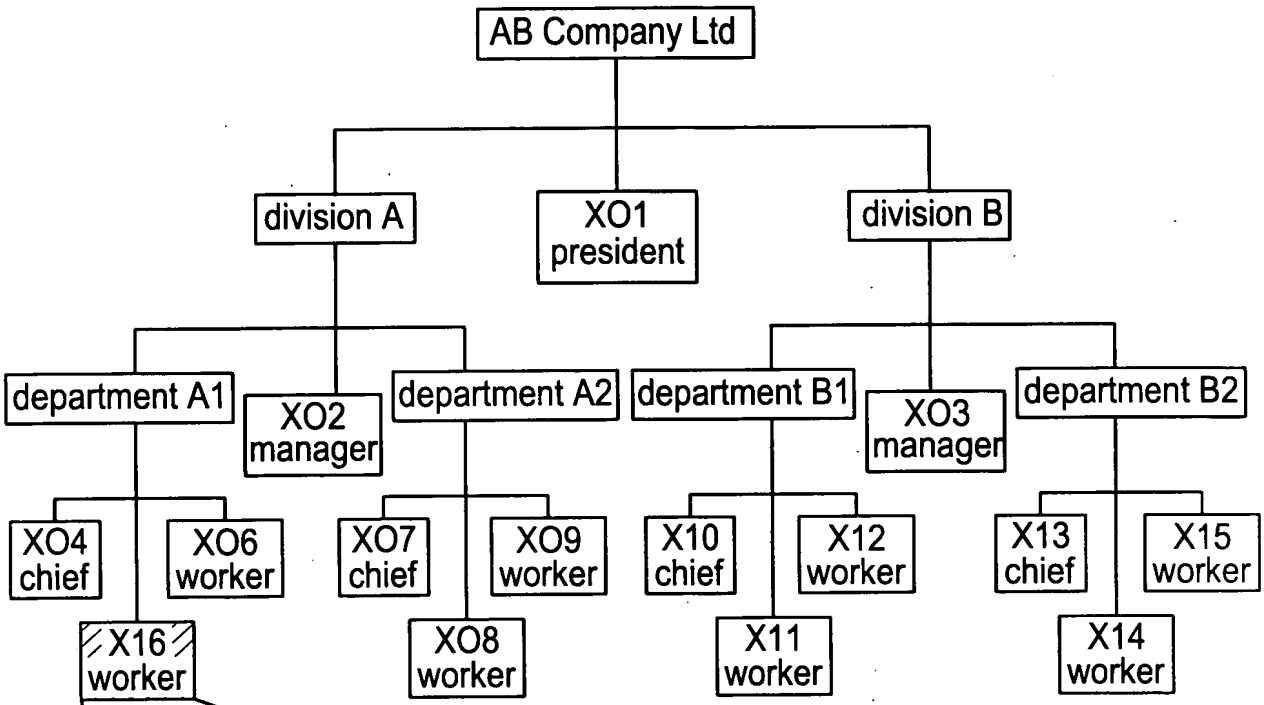

making of daily report of business
sales scheme for every product
drafting plan of monthly order acceptance
trouble information
drawing up of estimate
selling prices
drafting of integrated schedule flowchart
making of explaining material
(A)
AP1
AP2
AI1
AI2
A1P1
A1P2
A1I1
(B)
SVP1
SVP2
SVPI1
(C)

FIG. 18



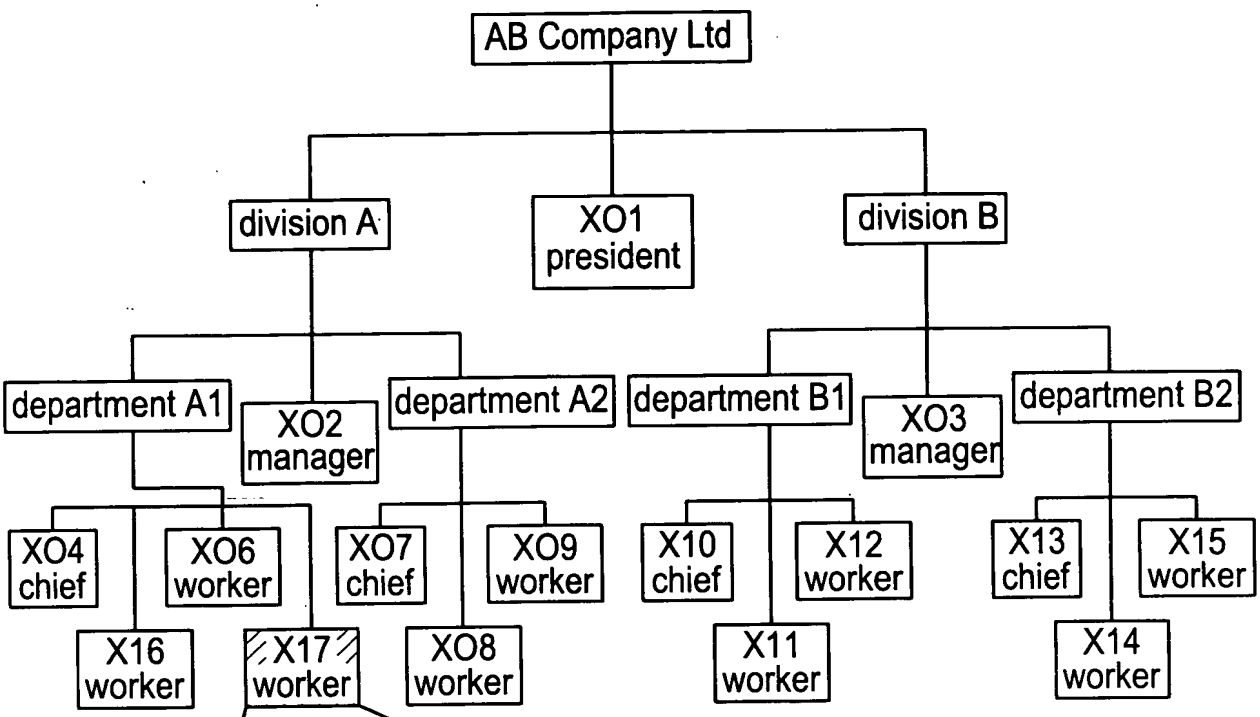
attribute	value
employee ID	X16
names	Hiroyuki Kubota
occupational positions	worker
category of occupation	business
covering job	video
password	xxxxxxxx

FIG. 19

```
<? xml version="1.0" ?>
<company> <name> AB Company Ltd </name>
<person> <employee ID> X 01 </employee ID>
<occupational position> president </occupational position>
</person>
<division> <name> division A </name>
<person> <employee ID> X 02 </employee ID>
<occupational position> manager </occupational position>
</person>
<department> <name> department A1 </name>
<person> <employee ID> X 04 </employee ID>
<occupational position> chief </occupational position>
</person>
<person> <employee ID> X 16 </employee ID>
<name> Hiroyuki Kubota </name>
<occupational position> worker </occupational position>
<category of occupation> business </category of occupation>
<covering job>video </covering job >
<password> XXXXXXXXX </password>
</person>
<person>...</person>...
</department>
<department> <name> department A2 </name>...
<person>...<person>...
</department>
</division>
<division> <name> division B </name>
<person> <employee ID> X 03 </employee ID>
<occupational position> manager </occupational position>
<person>
<department> <name> department B1 </name>
<person> <employee ID> X 10 </employee ID>
<occupational position> chief </occupational position>
</person>
<person>...</person>...
</department>
<department> <name> department B2 </name>...
<person>...</person>...
</department>
</division>
</company>
```

part changed from organization definition information

FIG. 20



attribute	value
employee ID	X17
names	Shyouiti Yoshikawa
occupational positions	worker
category of occupation	business
covering job	television
password	xxxxxxxx

FIG. 22

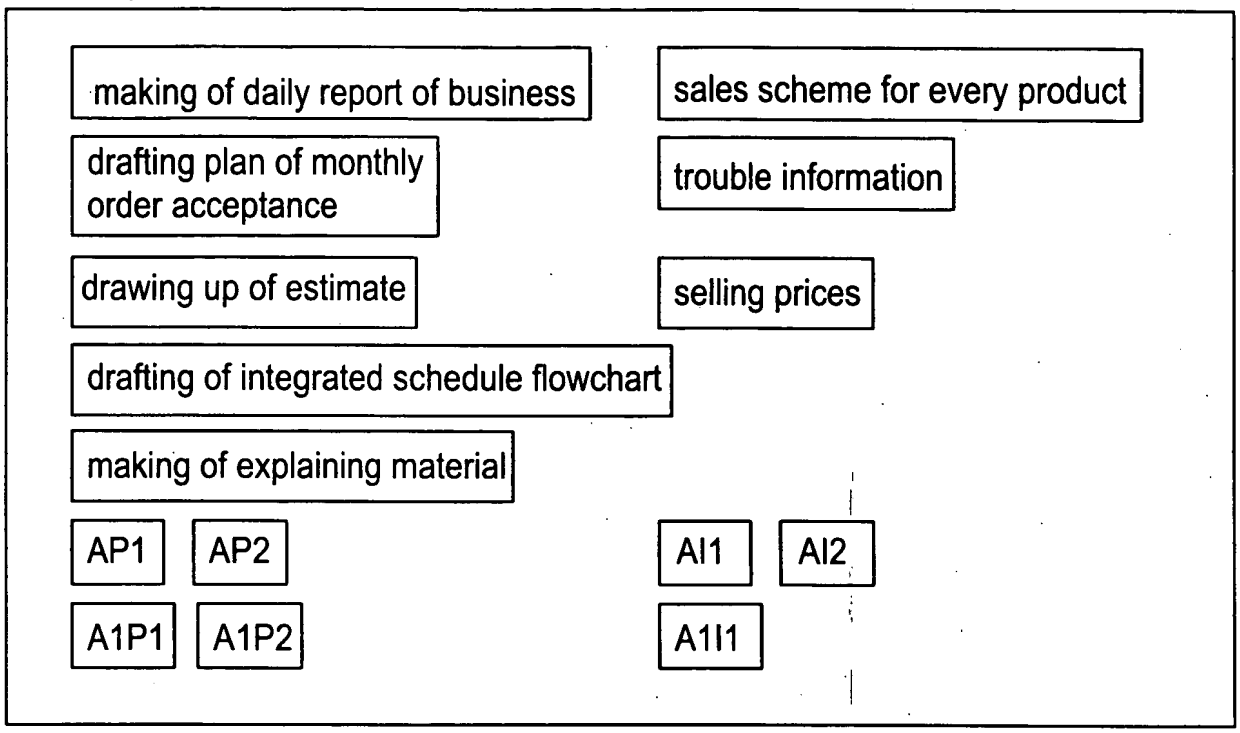


FIG. 23

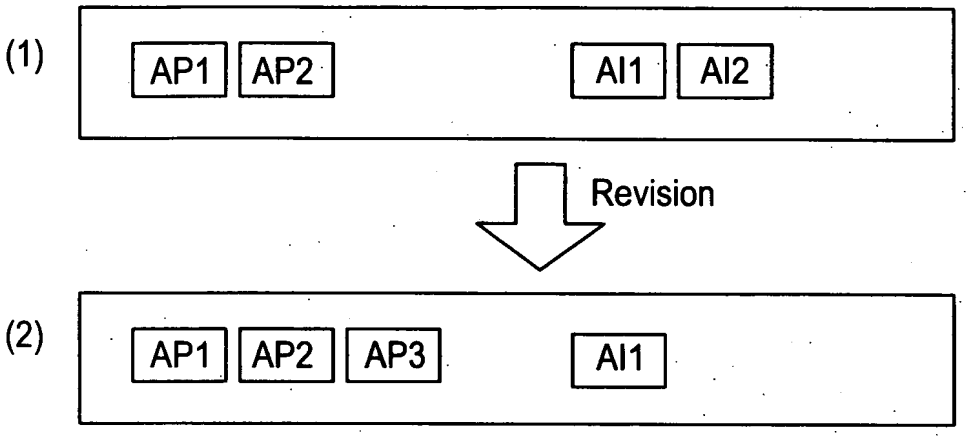
(1)

customizing condition	contents information	
	procedure	information
belonging to division A	AP1, AP2	AI1, AI2

(2)

customizing condition	contents information	
	procedure	information
belonging to division A	AP1, AP2, AP3	AI1

FIG. 24



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